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| Terms | Documents |
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| L3 and identifica\$6 | 23 |

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Database:**Search:**L4[Refine Search](#)[Recall Text](#)[Clear](#)

Search History

DATE: Wednesday, October 15, 2003 [Printable Copy](#) [Create Case](#)

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|---|-------------------------------|------------------|-----------------|
| side by side | | | result set |
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR</i> | | | |
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| <u>L3</u> | L1 and document and automatic | 40 | <u>L3</u> |
| <u>L2</u> | L1 and document and uatomatic | 0 | <u>L2</u> |
| <u>L1</u> | ((706/20)!.CCLS.) | 455 | <u>L1</u> |

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 23 of 23 returned.** 1. Document ID: US 20030187809 A1

L4: Entry 1 of 23

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187809
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030187809 A1

TITLE: Automatic hierarchical classification of temporal ordered case log documents for detection of changes

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------------|-----------------|-------|---------|---------|
| Suermondt, Henri Jacques | Sunnyvale | CA | US | |
| Hsu, Melchun | Los Altos Hills | CA | US | |

US-CL-CURRENT: 706/46; 706/20

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

 2. Document ID: US 20030084014 A1

L4: Entry 2 of 23

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084014
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030084014 A1

TITLE: Process of selecting portfolio managers based on automated artificial intelligence techniques

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|----------|-------|---------|---------|
| Sohrabi, Mohaan | Geneve | | CH | |
| Sorouchyari, Egfandiar | Lausanne | | CH | |

US-CL-CURRENT: 706/20

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

 3. Document ID: US 20030069867 A1

L4: Entry 3 of 23

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069867
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030069867 A1

TITLE: Information system

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|--------------|-------|---------|---------|
| Coutts, Michael G. | Dundee | | GB | |
| Sime, Iain R.F. | Kirriemuir | | GB | |
| Dove, Lee G. | Coupar Angus | | GB | |

US-CL-CURRENT: 706/20

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 20020120594 A1

L4: Entry 4 of 23

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------|-------|-------|---------|---------|
| Pirim, Patrick | Paris | | FR | |

US-CL-CURRENT: 706/20

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 6556983 B1

L4: Entry 5 of 23

File: USPT

Apr 29, 2003

US-PAT-NO: 6556983
DOCUMENT-IDENTIFIER: US 6556983 B1
** See image for Certificate of Correction **

TITLE: Methods and apparatus for finding semantic information, such as usage logs, similar to a query using a pattern lattice data space

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Altschuler; Steven | Redmond | WA | | |
| Ingerman; David V. | Princeton | NJ | | |
| Wu; Lani | Redmond | WA | | |
| Zhao; Lei | Bellevue | WA | | |

US-CL-CURRENT: 706/55; 706/11, 706/20, 706/21

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

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6. Document ID: US 6496813 B1

L4: Entry 6 of 23

File: USPT

Dec 17, 2002

US-PAT-NO: 6496813

DOCUMENT-IDENTIFIER: US 6496813 B1

TITLE: Classifying apparatus using a combination of statistical methods and neuronal networks, designed in particular for odour recognition

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|----------|-------|----------|---------|
| Labreche; Said | Toulouse | | | FR |
| Amine; Hicham | Balma | | | FR |
| Tan; Tze Tsung | Toulouse | | | FR |
| Loubet; Fran.cedilla.ois | Balma | | | FR |

US-CL-CURRENT: 706/20; 700/48, 702/22, 702/27

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

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7. Document ID: US 6247002 B1

L4: Entry 7 of 23

File: USPT

Jun 12, 2001

US-PAT-NO: 6247002

DOCUMENT-IDENTIFIER: US 6247002 B1

TITLE: Method and apparatus for extracting features characterizing objects, and use thereof

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------|-------|-------|----------|---------|
| Steels; Luc | Paris | | | FR |

US-CL-CURRENT: 706/20; 706/48, 706/52

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

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8. Document ID: US 6092059 A

L4: Entry 8 of 23

File: USPT

Jul 18, 2000

US-PAT-NO: 6092059

DOCUMENT-IDENTIFIER: US 6092059 A

TITLE: Automatic classifier for real time inspection and classification

DATE-ISSUED: July 18, 2000

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|------------|-------|----------|---------|
| Straforini; Marco L. | Kensington | CA | | |
| Lavagnino; Sherrill E. | Oakland | CA | | |
| Badger; John C. | Paris | | | FR |
| Wolinsky; Jeffrey M. | Berkeley | CA | | |
| Tilson; Bret R. | Berkeley | CA | | |

US-CL-CURRENT: 706/14; 706/10, 706/20, 706/47[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 9. Document ID: US 6047277 A

L4: Entry 9 of 23

File: USPT

Apr 4, 2000

US-PAT-NO: 6047277

DOCUMENT-IDENTIFIER: US 6047277 A

TITLE: Self-organizing neural network for plain text categorization

DATE-ISSUED: April 4, 2000

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|------------|---------|
| Parry; Michael H. | Denver | CO | 80220-5928 | |
| Aspnes; Richard K. | Littleton | CO | 80121 | |

US-CL-CURRENT: 706/20; 706/14, 706/15, 706/16, 706/25[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 10. Document ID: US 5995953 A

L4: Entry 10 of 23

File: USPT

Nov 30, 1999

US-PAT-NO: 5995953

DOCUMENT-IDENTIFIER: US 5995953 A

TITLE: Method for verification of signatures and handwriting based on comparison of extracted features

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

| | | | | |
|------------------|--------------------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Rindtorff; Klaus | Weil im Schoenbuch | | | DE |
| Rudolph; Volker | St. Maergen | | | DE |

US-CL-CURRENT: 706/20; 382/156

| | | | | | | | | | | | | |
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 11. Document ID: US 5907834 A

L4: Entry 11 of 23

File: USPT

May 25, 1999

US-PAT-NO: 5907834

DOCUMENT-IDENTIFIER: US 5907834 A

TITLE: Method and apparatus for detecting a presence of a computer virus

DATE-ISSUED: May 25, 1999

INVENTOR-INFORMATION:

| | | | | |
|-----------------------|------------------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Kephart; Jeffrey Owen | Yorktown Heights | NY | | |
| Sorkin; Gregory Bret | New York | NY | | |
| Tesauro; Gerald James | Croton-on-Hudson | NY | | |
| White; Steven Richard | New York | NY | | |

US-CL-CURRENT: 706/20; 706/14, 706/16

| | | | | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image |
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 12. Document ID: US 5845048 A

L4: Entry 12 of 23

File: USPT

Dec 1, 1998

US-PAT-NO: 5845048

DOCUMENT-IDENTIFIER: US 5845048 A

TITLE: Applicable recognition system for estimating object conditions

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

| | | | | |
|-----------------|----------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Masumoto; Daiki | Kanagawa | | | JP |

US-CL-CURRENT: 706/20

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image |
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 13. Document ID: US 5687286 A

L4: Entry 13 of 23

File: USPT

Nov 11, 1997

US-PAT-NO: 5687286
DOCUMENT-IDENTIFIER: US 5687286 A
** See image for Certificate of Correction **

TITLE: Neural networks with subdivision

DATE-ISSUED: November 11, 1997

INVENTOR-INFORMATION:

| | | | | |
|-----------------|--------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Bar-Yam; Yaneer | Newton | MA | 02160 | |

US-CL-CURRENT: 704/232; 704/202, 704/231, 704/258, 704/259, 706/20, 706/25

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

14. Document ID: US 5675711 A

L4: Entry 14 of 23

File: USPT

Oct 7, 1997

US-PAT-NO: 5675711
DOCUMENT-IDENTIFIER: US 5675711 A

TITLE: Adaptive statistical regression and classification of data strings, with application to the generic detection of computer viruses

DATE-ISSUED: October 7, 1997

INVENTOR-INFORMATION:

| | | | | |
|-----------------------|------------------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Kephart; Jeffrey Owen | Yorktown Heights | NY | | |
| Sorkin; Gregory Bret | New York | NY | | |
| Tesauro; Gerald James | Croton-on-Hudson | NY | | |
| White; Steven Richard | New York | NY | | |

US-CL-CURRENT: 706/12; 706/20

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

15. Document ID: US 5619620 A

L4: Entry 15 of 23

File: USPT

Apr 8, 1997

US-PAT-NO: 5619620
DOCUMENT-IDENTIFIER: US 5619620 A

TITLE: Neural network for banknote recognition and authentication

DATE-ISSUED: April 8, 1997

INVENTOR-INFORMATION:

| | | | | |
|---------------------|-----------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Eccles; Nicholas J. | Edinburgh | | | GB6 |

US-CL-CURRENT: 706/20; 382/158, 706/31, 706/925[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWC](#) | [Draw Desc](#) | [Image](#) 16. Document ID: US 5568591 A

L4: Entry 16 of 23

File: USPT

Oct 22, 1996

US-PAT-NO: 5568591

DOCUMENT-IDENTIFIER: US 5568591 A

TITLE: Method and device using a neural network for classifying data

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Minot; Joel | Charenton | | | FR |
| Gentric; Philippe | Paris | | | FR |

US-CL-CURRENT: 706/25; 706/20[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWC](#) | [Draw Desc](#) | [Image](#) 17. Document ID: US 5479575 A

L4: Entry 17 of 23

File: USPT

Dec 26, 1995

US-PAT-NO: 5479575

DOCUMENT-IDENTIFIER: US 5479575 A

TITLE: Self-organizing neural network for pattern classification

DATE-ISSUED: December 26, 1995

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------|-----------|-------|----------|---------|
| Yoda; Fumio | Hillsboro | OR | | |

US-CL-CURRENT: 706/20; 706/25, 706/31[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWC](#) | [Draw Desc](#) | [Image](#) 18. Document ID: US 5455892 A

L4: Entry 18 of 23

File: USPT

Oct 3, 1995

US-PAT-NO: 5455892

DOCUMENT-IDENTIFIER: US 5455892 A

TITLE: Method for training a neural network for classifying an unknown signal with respect to known signals

DATE-ISSUED: October 3, 1995

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Minot; Joel | Charenton | | | FR |
| Gentric; Philippe | Paris | | | FR |

US-CL-CURRENT: 706/25; 706/20

| | | | | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC | Draw Desc | Image |
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 19. Document ID: US 5426745 A

L4: Entry 19 of 23

File: USPT

Jun 20, 1995

US-PAT-NO: 5426745

DOCUMENT-IDENTIFIER: US 5426745 A

**** See image for Certificate of Correction ****

TITLE: Apparatus including a pair of neural networks having disparate functions cooperating to perform instruction recognition

DATE-ISSUED: June 20, 1995

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Baji; Toru | Burlingame | CA | | |
| Noguchi; Kouki | Kokubunji | | | JP |
| Nakagawa; Tetsuya | Millbrae | CA | | |
| Tonomura; Motonobu | Kodaira | | | JP |
| Akimoto; Hajime | Mobara | | | JP |
| Masuhara; Toshiaki | Tokyo | | | JP |

US-CL-CURRENT: 345/469; 382/159, 704/200, 704/213, 706/20, 706/28

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|---------------------|---------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC | Draw Desc | Image |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|---------------------|---------------------------|-----------------------|

 20. Document ID: US 5263097 A

L4: Entry 20 of 23

File: USPT

Nov 16, 1993

US-PAT-NO: 5263097

DOCUMENT-IDENTIFIER: US 5263097 A

TITLE: Parameter normalized features for classification procedures, systems and methods

DATE-ISSUED: November 16, 1993

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------|-------|----------|---------|
| Katz; Alan J. | Dallas | TX | | |
| Gately; Michael T. | Plano | TX | | |

US-CL-CURRENT: 382/190; 382/225, 382/291, 706/10, 706/20

21. Document ID: US 5218529 A

L4: Entry 21 of 23

File: USPT

Jun 8, 1993

US-PAT-NO: 5218529

DOCUMENT-IDENTIFIER: US 5218529 A

**** See image for Certificate of Correction ****

TITLE: Neural network system and methods for analysis of organic materials and structures using spectral data

DATE-ISSUED: June 8, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------------|-------|----------|---------|
| Meyer; Bernd J. | Athens | GA | | |
| Sellers; Jeffrey P. | Suwanee | GA | | |
| Thomsen; Jan U. | Fredericksberg | | | DK |

US-CL-CURRENT: 702/28, 700/90, 706/20, 706/924

22. Document ID: US 5163111 A

L4: Entry 22 of 23

File: USPT

Nov 10, 1992

US-PAT-NO: 5163111

DOCUMENT-IDENTIFIER: US 5163111 A

TITLE: Customized personal terminal device

DATE-ISSUED: November 10, 1992

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Baji; Toru | Burlingame | CA | | |
| Noguchi; Kouki | Kokubunji | | | JP |
| Nakagawa; Tetsuya | Millbrae | CA | | |
| Tonomura; Motonobu | Kodaira | | | JP |
| Akimoto; Hajime | Mobara | | | JP |
| Masuhara; Toshiaki | Tokyo | | | JP |

US-CL-CURRENT: 706/20, 382/156, 704/200

23. Document ID: US 5121443 A

L4: Entry 23 of 23

File: USPT

Jun 9, 1992

US-PAT-NO: 5121443

DOCUMENT-IDENTIFIER: US 5121443 A

TITLE: Neural net system for analyzing chromatographic peaks

DATE-ISSUED: June 9, 1992

INVENTOR-INFORMATION:

| | | | | |
|-----------------------|-------------|-------|----------|---------|
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
| Tomlinson; Barrett L. | Santa Clara | CA | | |

US-CL-CURRENT: 382/156; 210/656, 382/207, 702/31, 702/32, 706/20, 73/23.23, 73/23.36[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#)[Generate Collection](#)[Print](#)

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